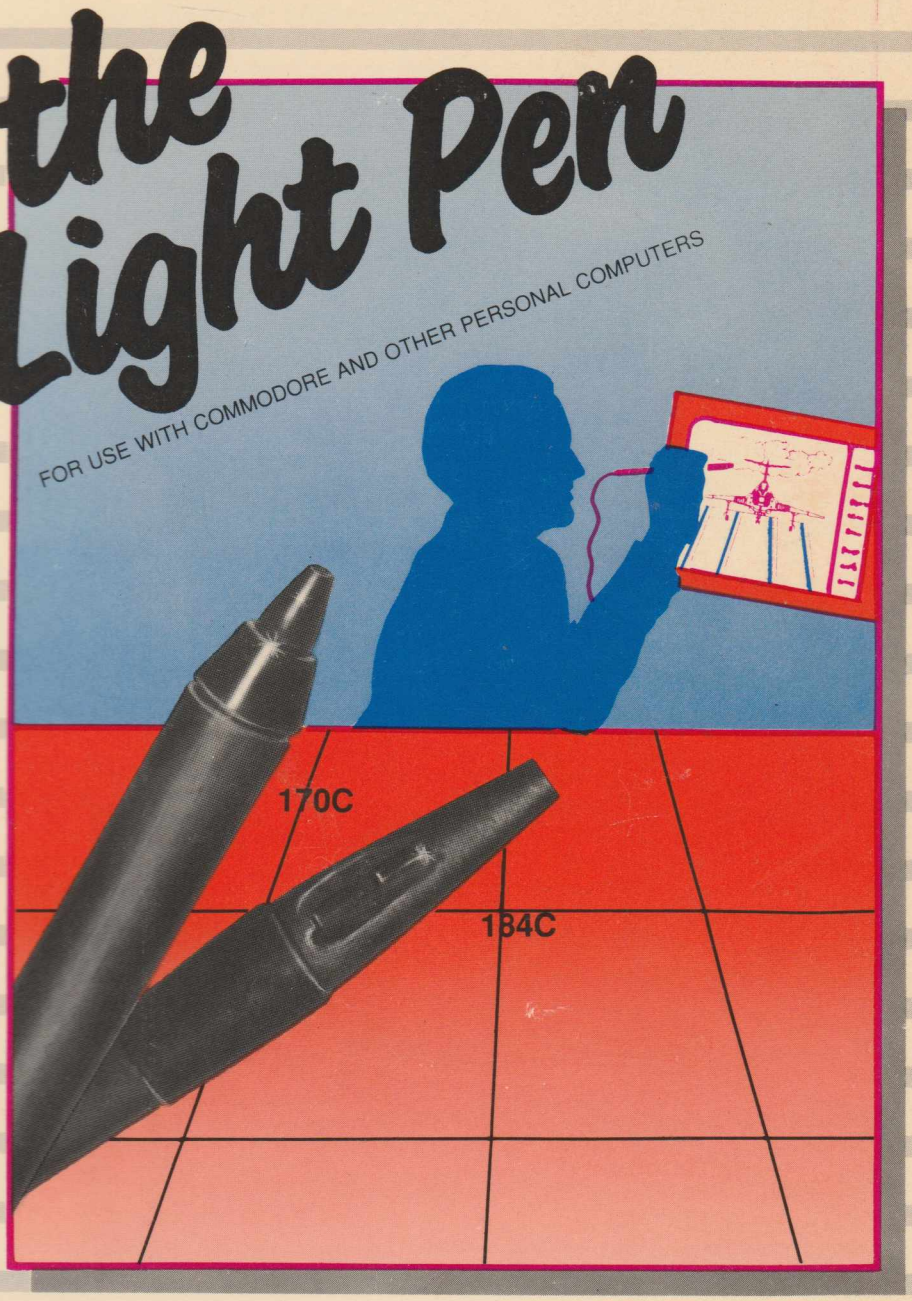
the Light Pen

Inkwell Systems
CREATORS OF PENWARE™



This package contains model:

- [ ] 170C
- [x] 184C

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A Professional Quality Instrument at an Affordable Price

Both models of Inkwell Systems light pens provide an easy-to-use, natural way of entering and manipulating data that adults and children can quickly master with little or no prior computer experience.

Demonstration software and technical data is provided with both light pen models to allow the user to write light pen support into programs of their own creation. The light pens can also be used immediately as a data entry device on the many popular software programs listed below.

LIGHT PEN FEATURES:

- Plug compatible with Commodore 64, 64C, 128 or SX 64 computers.
- 9 pin "D" subminiature connector with 4' cord.
- Instructions for adaption to other personal computers included in technical manual.

Model 170C features include:

- Rugged, anodized aluminum body.
- Optical push-tip switch with hysteresis designed for 100 million operations.
- 170C model designed to work directly on the face of the CRT.

Model 184C features include:

- Tri-lobular shape, ergonomically designed.
- Super light weight.
- Two touch sensitive switches.
- Pen designed to work 3" - 6" away from the face of the CRT.

LIGHT PEN SPECIFICATIONS:

OPTICAL	
OPTICS TYPE	Lens and Aperture
LUMINOUS SENSITIVITY	.2 footlambert
FIELD OF VIEW	.050" @ 4"
RESOLUTION	1 Pixel
SPECTRAL RESPONSE	400 to 1000 nanometers
AMBIENT REJECTION	100 footlamberts
ELECTRICAL	
POWER INPUT	170C: 5VDC @ 30mA Typical 184C: 5VDC @ 10mA Typical
VIDEO OUTPUT	TTL Compatible Level. Normally High
SWITCH OUTPUT	TTL Compatible Level. Normally High
RESPONSE TIME	Less than 250 nS @ 20 footlamberts

THIS PACKAGE INCLUDES:

Light Pen
User/Technical Manual
5 1/4" Floppy Disk
Warranty Card

USER REQUIREMENTS:

- Commodore 64, 64C, SX64, 128 or other personal computer with light pen port
- TV or Monitor suitable for light pen use (Not recommended for use with slow phosphor screens)

OPTIONAL HARDWARE

Commodore 1541 Disk Drive, or equivalent for use with demo disk.

OPTIONAL SOFTWARE

FLEXIDRAW
Model 170C: Use version 1.0 or later
Model 184C: Use version 5.5 or later

FLEXIFONT, GRAPHICS INTEGRATOR 2
by Inkwell Systems

Cadpak 64, Cadpak 128
by Abacus Software

Micro Illustrator
by Tech Sketch Inc.
(a subsidiary of Ampower Technologies, Inc.)

Picasso's Revenge
by Progressive Peripherals & Software

Geos: Use version 1.2, 1.3, or 2.0
by Berkeley Softworks

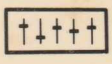
Prospectives II, Flexi-Aided-Design
by Kira Corp.

Blazing Paddles
by Baudville

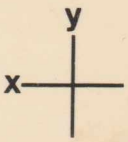
LIGHT PEN DEMONSTRATION SOFTWARE INCLUDES:

FOLLOW ME!
Light pen driven version of a popular music/color sequence game

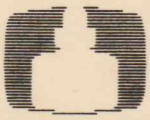
PIANO
Create musical sounds with light pen input



SYNTHESIZER
Discover the full sound capability of the SID chip with light pen input



WHERE AM I?
A visual X & Y readout of the light pen location for use in creating your own programs



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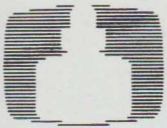

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Demonstration Disk

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